Kohsaar Academy

Maths Lesson Plans
Level 3
Term 2

Kohsaar Academy

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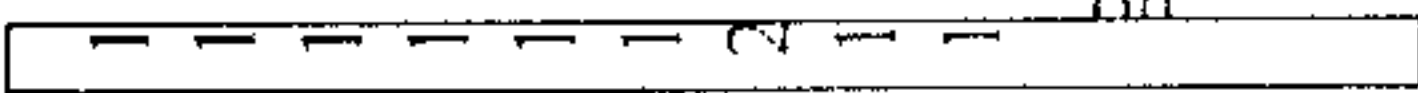
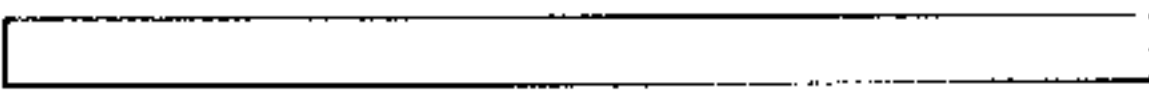
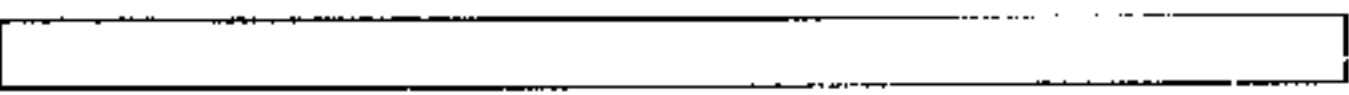
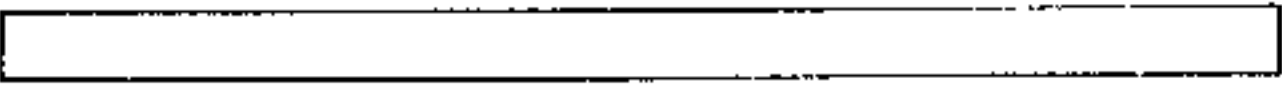
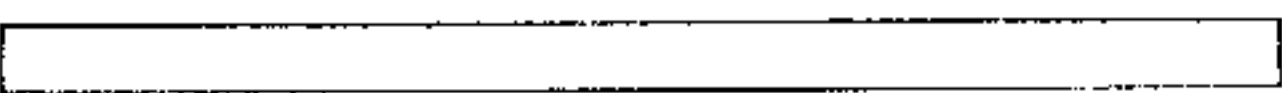
Level 3
Term 2

Level 3
Term 2
Week 1
Day 1

Lesson Plan

Objective: Students will be able to

- Practice the tables 2, 3, 4, 5 and 10 through activity
- Complete the number pattern

Activity: Practicing tables, written work

Material: Strips of chart paper, worksheets, pencils, markers.

Procedure:

Warm up: Say class

- Count 1 to 1Consecutively ask
  - 2 times 3= , 2 times 9= , 3 times 2= . 3times 9= , 4 times 2= , 4times 9= ,5 times 2= and so on.
- Pre explanation: Paste number strip on board.
- Paste another number strip like . and ask 2 times 2= 4, 2times 3= 6. Then ask from different students and fill the circles of the strip.
- Similarly paste other strip like:
  And ask by pointing each strip
  To the first strip:
  1. What is 3 multiplied by 4? 12
  2. What is 4 multiplied by 7? 28
  3. What is 5 multiplied by 3? 15
  4. What is 10 multiplied by 4? 40

Class work:

Task 1: Written work, question 2 and 3, exercise 28 page 5 and 6 of worksheet 3-A part 2

Task 2: Explain the number pattern's completion by telling them to see the gaps b/w the numbers.

Question 1, exercise 28, page 5

Homework: page 8

Group work:

- Give group A 12 books.
- Say class let distribute 12 books in group A (6 students)
- Give book to each child and then another book to each child.
- Ask class:
  - What is total number of books? [12]
  - What is the number of students? [6]
  - How many each child get? [2]
  - Explain:
    $6 \times 2 = 12$
    $12 \div 2 = 6$

Follow the same procedure with group B, C and D with different material.

Written work: Page 7 of worksheet

Level 3 **Term 2** **Week 1** **Day 3**	**Lesson Plan**

Objective: Students will be able to multiply and divide.

Activity: Multiplying and dividing

Procedure: Follow the same procedure of day 2.

Class work: Page 9 and 10 of worksheet.

Homework: Test of multiplication and division.

Level 3 Term 2 Week 1 Day 4	**Lesson Plan**

Assessment will be taken on worksheet page 11.

Level 3
Term 2
Week 1
Day 5

Lesson Plan

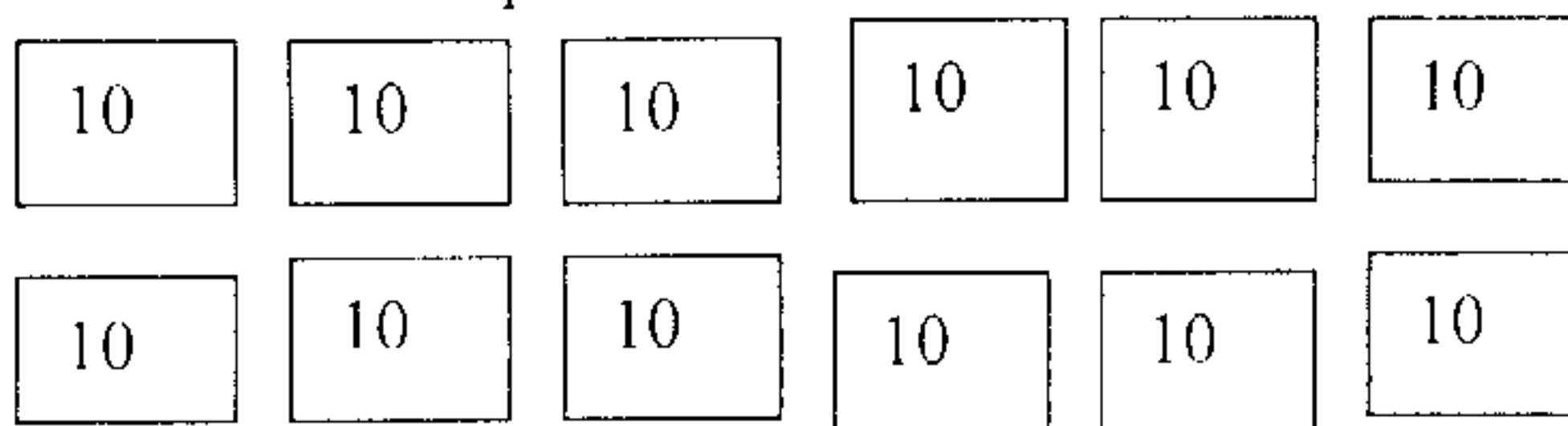
Objective: Students will be able to multiply ones, tens and hundreds.
3 =
Activity: Multiplying

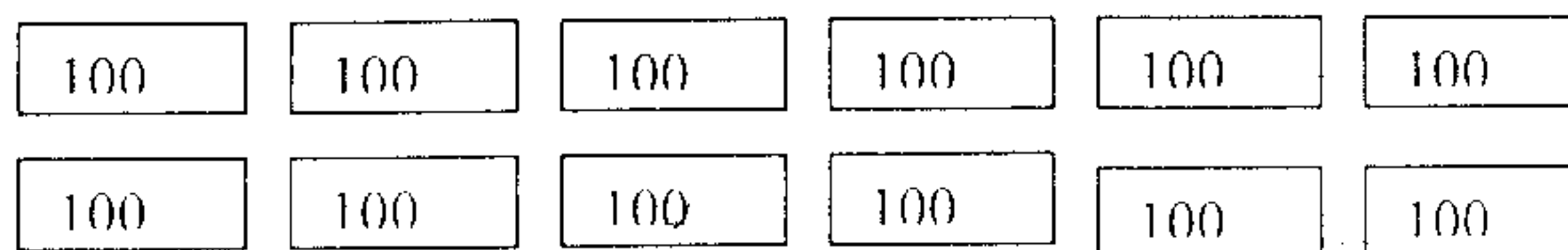
Material: Chart of solved questions / strips of 10s and 100s / pencils / worksheets.

Procedure:

Warm up:

- Revise table 6
- Ask and write, 4 multiply by 3 equals, 7 multiply by 6 equals. 6 multiply by 5 equals and so on.
- Ask and record on board,
    - 4 multiply by 3 tens equals = 12 tens
    - 7 multiply by 6 tens equals = 42 tens.

Explanation: Multiply 4 by 3 means 4 x 3= 12 ones.
Multiply 4 tens by 3 means12 tens i-e 3 times 4 tens.
Paste strips of 10s

$40 \times 3=120$

- Multiply 4 hundreds by 3:
    - 4 hundreds x 3 = 12 hundreds
    - 3 times 4 hundreds

Paste chart and explain:
4 x 3 = 12 ---------- Multiply ones by 3
40 x 3 = 120 --------- multiply ones by 3, multiply tens by 3
400 x 3 = 1200 -------- Multiply ones by 3,

Multiply tens by 3
Multiply hundreds by 3.

Now write, Question 2 from page 13 on board and explain.

43x6=258

Now, first we multiply ones by 6. (3 x 6 = 18) we write 8 under ones and have carry on tens.

```
  1
 4  3
 x  6
------
 25  8
```

We multiply tens by 6 (4 x 6 = 24) and add carry in the product 24 + 1 = 25

Teacher can explain other questions in the same way.

Written work: Students will do question 2 from page 13 on worksheets with the help of teacher in pairs.

Homework: Page 19 and learn table of 7

Level 3 Term 2 Week 2 Day 1	**Lesson Plan**

Objective: Students will be able to multiply '7' by ones, tens and hundreds.

Activity: Multiplying

Material: Chart of solved question / strips of 10s and 100s/ pencils / worksheet.

Procedure:

Warm up:

- Revise table 7
- Ask and write 3 multiply by 7 equals, 7 multiply by 4 equals, 5 multiply by 5 equals and so on.
- Ask and record on the board.
  - 7 multiply by 3 tens equals = 21 tens
  - 4 multiply 7 tens equals = 28 tens.

Explanation: Say class; multiply 7 tens by 4 ones,

7 tens x 4 = 28 tens i-e 4 times 7 tens.

70 x 4 = 280

Multiply 7 hundreds by 4:

7 hundreds x 4 = 28 hundreds

4 times 7 hundreds

700 x 4 = 280

Paste chart and explain:

7 x 4 = 28 ------ multiply ones by 4

70 x 4 = 280 ------- Multiply ones by 4, multiply tens by 4

700 x 4 = 2800 ------ multiply ones by 4

Multiply tens by 4

Multiply hundreds by 4

Now explain questions on the board.

```
  4
  9   6
  x   7
 ------
  67 2
```

First we multiply ones by 7 (6 x 7 = 42)

We write 2 under ones and have carry on tens.

We multiply tens by 7 (9 x 7 = 63) and add carry in the product 63 + 4 – 67

Teacher will explain the other questions given on page 23.

Class work: Written work in worksheet page # 23 3-A part 2

Homework: Page 22

Level 3 **Term 2** **Week 2** **Day 2**	**Lesson Plan**

Objective: Students will be able to multiply '8' by ones and tens

Activity: Multiplying

Material: Strips of 10s / pencils / worksheets

Procedure:

Warm up: Revise table of 8, 3 times
Ask: 2 times 8 equals, 4 times 8 equals, 8 times 8 equals, and so on.
Follow the same procedure of day 5, week 1 and term 2.

Class work: Page 35, exercise 39 question 1

Homework: Learn table 8

Level 3
Term 2
Week 2
Day 3

Lesson Plan

Objective: Students will be able to multiply '8' by ones, tens and hundreds.

Activity: Multiplying

Material: Strips of 10s and 100s / chart of solved questions / pencils / worksheets.

Procedure:

Warm up: Revise table 8
Ask consecutively, 2 times 8 equals, 3 times 8 equals, 4 times 8 equals and so on
Follow the same procedure of day 1, week 2 and term 2.

Class work: Page 36, exercise 39, question 2

Homework: Test of multiplication

Level 3 Term 2 Week 2 Day 4	**Lesson Plan**

Objective: To assess the student's concept of multiplying by ones, tens and hundreds.

Activity: Assessment

Material: Worksheet / pencils

Class work: Page 44, exercise 43, question 1

Homework: None

Level 3 **Term 2** **Week 2** **Day 5**	**Lesson Plan**

Objective: Students will be able to multiply '9' by ones tens and hundreds.

Procedure: Follow same activity and procedure of day 1, week 2 (term 2) with the digit '9'

Class work: Page 45 exercise 43, question 2.

Homework: Page 33

Level 3 **Term 2** **Week 3** **Day 1**	**Lesson Plan**

Objective: Students will be able to
- Divide the ones and tens by 7
- Multiply the ones and tens by 7

Activity: Multiplying and dividing

Material: Books / toffees or pencils, worksheets

Procedure:

Warm up:
- Revise the table of 7 (3 times)
- Ask consecutively 2 times 7 equals, 3 times 7 equals, 4 times 7equals, 5 times 7 equals and so on.
- Ask consecutively 21 divided by 7 equals, 28 divided by 7 equals and so on.
- Follow the same procedure of day 2, week 1, term 2

Class work: Page 20 and 21

Homework: Page 42

Level 3 Term 2 Week 3 Day 2	**Lesson Plan**

Objective: Students will be able to divide by '6'

Activity: Dividing

Material: Match sticks, worksheets, pencils.

Procedure:

Warm up:

- Revise table of 6
- Ask consecutively, 6 divided by 2 is, 6 divided by 3 is, 12 divided by 6 and so on.

Explanation:

- First follow the group work activity of day 2, week 1, term 2
- Ask and record on the board.
  - 14 ones ÷ 2 = 7 ones

```
divisor      7 quotient
          ____________
   2     |  14 dividend
            14
            00  remainder
```

- Also explain divisor, divided, quotient and remainder.
- Write a question on the board and ask
  75 ÷ 6 = [ ]
- How many 6 are there in 75?
- Call a student from the class give him 75sticks, ask him to divide these stick among 6 fellows. (3 will be left)

Result: Each child got 12 sticks and 3 are left.

Explain: When we solve this type of questions

6√75

- How many 6 are there in 75? (12)
- It means we need table of 6 up to 12 but if we don't know the table of 6 up to 12 we will do the following for this
- How many 6 are in 7? Only 1

```
      12
   ┌──────
6  │  75
   │  6
   │  ─────
      15
      12
     ─────
       3
```

How many 6s in 15 we guess 2
Now 3 is left which is smaller then 6 and
Cannot be divide by 6, so 3 is remainder.
Give some more examples like this.

Class work: Page 14 (3-A part 2)

Level 3 Term 2 Week 3 Day 3	**Lesson Plan**

Objective: Practice division questions.

Activity: Written work

Material: Worksheets and pencils / sticks

Procedure: Follow the procedure of day 2, week 3 and term 2, with 3 digit number instead of 2 digits.

Class work: Page 15

Homework: Assessment of topic "Division + table of 7"

Level 3 Term 2 Week 3 Day 4	Lesson Plan

Objective: Assessment page 24 (worksheet 3-A part 2)

Level 3 **Term 2** **Week 3** **Day 5**	**Lesson Plan**

Objective: To practice division questions

Activity: Written work

Material: Sticks, pencils, worksheets

Procedure:

Warm up: Revise the table of 7, follow the procedure of day 2, week 3, term 2.

Class work: Page 25 (3-A part 2)

Homework: Page 34

Level 3 **Term 2** **Week 4** **Day 1**	**Lesson Plan**

Objective: To practice of division questions

Activity: Written work

Material: Worksheet, pencils

Procedure:

- Revise the table of 8
- Follow the procedure of day 2, week 3, term 2 with the explanation of 3 digit number division.

Class work: Page 38

Homework: Page 37

Level 3
Term 2
Week 4
Day 2

Lesson Plan

Objective: Practice of division (3 digit numbers)

Activity: Written work

Material: Worksheets, pencils

Procedure: Revise the table of 9.
Follow the procedure of day 2, week 3 and term 2.

Class work: Page 47.

Level 3
Term 2
Week 4
Day 3

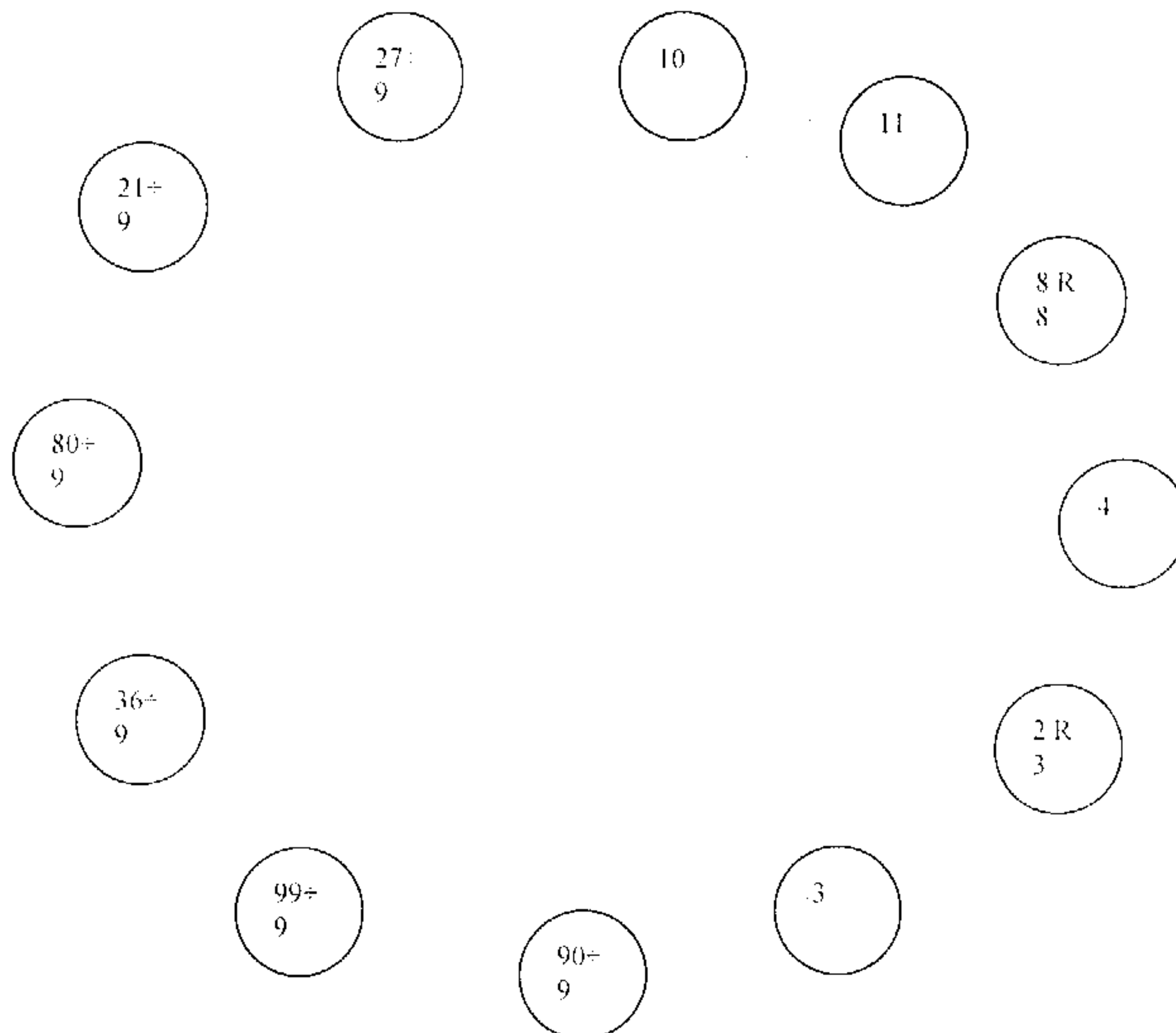
Lesson Plan

Objective: Practice division questions

Activity: Matching answers with the division questions

Material: Worksheets, Pencils, flash cards

Procedure:

Warm up: Revise the table of 9 (read the table chorally)
Paste the flash cards on the board like:

Ask these questions:
27 ÷ 9 =?

Then match (3) with (27 ÷9)

80 ÷ 9=?   (8 R 8) 8 is remainder

Then match (8 R 8) with (80÷ 9)

Ask all these questions from different students and do the same written above with each question.

Class work: Page 46

Homework: Assessment Topic "division"

Level 3 **Term 2** **Week 4** **Day 4**	**Lesson Plan**

Objective: Assessment in notebooks (decided by the teacher)

Level 3 Term 2 Week 4 Day 5	**Lesson Plan**

Objective: Students will be able to read and write the table of 10.

Activity: Practice through repeat addition, written work

Material: Match sticks, bead, notebook

Procedure:

Warm up: Make groups in the class.

- Say them to read the table of 2, 3, 4 to 9 in groups.
- Give sticks to each group and say them to make a bundle of 10.
- Ask the following questions
  - How many bundles do you make? (1)
  - How many sticks are there in 1 bundle? (10)
  - So it means 10 x 1 = 10
- Ask each group to make one more bundle of 10.
- Now ask:
  - How many bundles you make? (2)
  - How many sticks in 2 bundles? (20)
    - So it means 10 x 2 = 20
- Repeat the same procedure with 3, 4, 5 up to 10 bundles.

Class work: Write table of 10 in notebook

Homework: Page 43 + learn the table of 10

Level 3 Term 2 Week 5 Day 1	**Lesson Plan**

Objective: Students will be able to count and write the amount.

Activity: Counting and writing of amount

Material: Playing money / worksheet / pencils

Procedure:

Warm up:

- How many paisas make one rupee?
- Hundred paisas =? (1 rupee)
- Reads table of 2
- Read table of 5
- Read this Rs. 15.75 (fifteen rupees seventy five paisas)

Activity:

- Make groups in the class.
- Give different amount of money to each group. (Give some paisas also. if available)
- Say each group to count the money given by the teacher.
- Each child in the groups should be given the chance to count the money.
- After counting, teacher ask a volunteer from each group to tell the total number of money counted by his group.
- Teacher record it on the board along with groups' names.
- Make students open their worksheets from page 51 and discuss orally.

Class work: Let's solve page 51 by their own (write Rs instead of $)
(Rupees and paisa instead of $ and ¢)
(3-A part 2)

Warp up: Homework, page 29, Worksheet (3-A part 2)

Level 3 Term 2 Week 5 Day 2	**Lesson Plan**

Objective: To teach writing amount in words and in figures.

Activity: Written work

Material: Strips written amount in figures and some strip written amount in words, worksheets, pencils, and chart.

Procedure:
Warm up: Ask spellings of zero, one........ten, twenty........ninety, hundred. Etc

Activity:

- Paste the strips with written amount in figures like (Rs 0.80. Rs 1.36) on the board and
- Place strips with written amount in words on a table.
- Call students one by one to search a strip suited with the strip pasted on the board like:- | Rs 0.80 | | .Eighty paisas |
- Repeat the same procedure for all strips.
- Paste all these strips sequence wise on a chart and paste that chart in the class.

Class work: Page 52 (worksheet 3-A part 2)
(First discuss orally then give written work)

Level 3	
Term 2	**Lesson Plan**
Week 5	
Day 3	

Objective: To teach counting money and to solve puzzles.

Activity: Written work

Material: Worksheets, pencils, puzzle charts.

Procedure:

- 10 rupees 15 paisas and 5 rupees 15 paisas are? 15 rupees 30 paisas = (Rs 15.30)
- Ask some more questions like this.

Activity:

- Make four groups in the class.
- Give a puzzle chart to each group
- Explain nothing; just give chance to students to solve the puzzle.
- Call a volunteer from each group one by one to explain how their groups solved the puzzle.
- Teacher gives explanation if it is necessary.

Class work: Page 53 (individual work)

Wrap up: Homework, Assessment topic money

Level 3 Term 2 Week 5 Day 4	Lesson Plan

Assessment questions should be decided by the teacher

Level 3 Term 2 Week 5 Day 5	**Lesson Plan**

Objective: To teach addition of money.

Activity: Written work

Material: Flash cards of 1s, 10s, 100s, 1000s and rupees and paisas cards as shown in net page.

Procedure:
Warm up questions:

- 5 ones + 5 ones = 1 ten
    - 5+5 = 10
- 5 rupees + 5 rupees = 10 rupees
- 5 rupees = 500 paisas

Ask some more questions like this:

- Write this question on the board 615+385=
- Make columns and call some students to solve it through pasting the flash cards in columns like: (Help students in solving questions)

1000			

Explain some more questions like this

Class work: Page 55
Wrap up: Page 54

Level 3 Term 2 Week 6 Day 1	**Lesson Plan**

Objective: To practice addition

Activity: Written work

Material: All that used on day 5, week 5, term 2

Procedure: Follow the procedure day 5, week 5, term 2 for explanation and addition of money.

Class work: Page 56

Wrap up: Homework, page 30 (3-A part 2)

Level 3
Term 2
Week 6
Day 2

Lesson Plan

Objective: To teach subtraction of money

Activity: Written work

Material: Puzzle charts, worksheets / pencils

Procedure:

Warm up questions:

9 – 6 =?
9 rupees 50 paisas – 6 rupees
25 paisas = ______
9.50 – 6.25 = ______ (3 rupees 25 paisas, 3.25)
Ask some more questions like this.

Activity:

- Make groups in the class.
- Give a puzzle to each group.
- Let the students solve the puzzles by their own.
- Teacher will not give any explanation.
- Call a volunteer from each group one by one to explain how they solved the puzzles.
- Teacher explains if needed.

Class work: First discuss then written work of page 58

Level 3
Term 2 **Lesson Plan**
Week 6
Day 3

Objective: To teach subtraction of money.

Activity: Written work

Material: Flash cards of 1s, 10s, 100s, 1000s and rupees and paisas cards as shown on next page.

Procedure:
Warm up questions:

- 1 ten – 2 ones = 8 ones
    - 10 – 2 = 8
- 1 rupee – 25 paisas = 75 paisas
    - 100 – 25p = 75p

Ask some more questions like this,

- Write this question on the board.
- Make columns
- Call some students to solve it through flash cards in the columns (help students in solving questions)
- Like:

Explain some more questions like this.

Class work: Page 59

Wrap up: Homework, Assessment (topic money)

Level 3 **Term 2** **Week 6** **Day 4**	**Lesson Plan**

Assessment worksheet 3-A part 2, page 60

Level 3 **Term 2** **Week 6** **Day 5**	**Lesson Plan**

Objective: To practice subtraction

Activity: Written work

Material: Worksheets, pencils

Procedure: Give brief explanation on the board sees previous day's procedure for explanation.

Class work: Page 61

Wrap up: Homework, page 66 (worksheet 3-A part 2)

Level 3 Term 2 Week 7 Day 1	**Lesson Plan**

Objective: To revise addition, place value, numbers in words etc

Activity: Written work

Material: Worksheets, pencils

Procedure:
Warm up question:

- 2035, What is the place value of 3 = (3 tens)
- Read this number loudly, 4006
- 3035 is _______ than 2035

Discuss page 65 orally then written work.

Class work: Page 65 (3-A part 2)

Warp up: Homework, page 69 (3-A part 2)

Level 3 Term 2 Week 7 Day 2	**Lesson Plan**

Objective: To practice addition and subtraction questions.

Activity: Written work in notebooks

Material: Notebooks, pencils

Procedure: See the procedures of day 5 of week 5 and day 3 of week 6 term 2 for explanation. (Give brief explanation)

Class work: Questions should be decided and given by the teacher (se page 55 and 59)

Level 3 **Term 2** **Week 7** **Day 3**	**Lesson Plan**

Objective: Practice addition and subtraction

Activity: Written work in notebook

Material: Notebooks, pencils

Procedure: Call some students to the board for practice then give four questions in notebooks for solution individually.

Homework: Assessment topic addition and subtraction.

Level 3 Term 2 Week 7 Day 4	**Lesson Plan**

Objective: Assessment questions decided by the teacher

Level 3 Term 2 Week 7 Day 5	**Lesson Plan**

Objective: To practice multiply and divide.

Activity: Written work

Material: Notebooks, pencils.

Procedure: Read the tables of 2 – 10, call some students to the board to solve some questions.

Class work: Give some questions to solve in notebooks.

Homework: Assessment topic (multiplication division)